

AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

Abstract**ABSTRACT OF THE DISCLOSURE**

A binary search tree ~~including~~includes a multiplicity of nodes having predetermined addresses and ~~organized~~is organized in a multiplicity of levels ~~and a~~. A hardware engine ~~for the insertion of~~inserts elements in the nodes, ~~being~~ and is operable to make a search for the highest available node in a pattern in which all the nodes at each level, beginning at the highest, are searched before the search continues to the next lower level.